| PATENT APPLICATION | E DETERMINATION RECOR |
|--------------------|-----------------------|
|                    |                       |

Effective October 1, 2000

09/830907

| CLAIMS AS FILED - PART I (Column 1) (Column 2)  |                                |   |              |                               |              |                  | :         | SMALL ENTITY TYPE ( |                        |           | OTHER THAN<br>OR SMALL ENTITY |                        |  |
|---|--------------------------------|---|--------------|-------------------------------|--------------|------------------|-----------|---------------------|------------------------|-----------|-------------------------------|------------------------|--|
| TOTAL CLAIMS  |                                |   |              |                               |              |                  | RATE      | FEE                 | 1                      | RATE      | FEE                           |                        |  |
| FOR NUMBER FILE   |                                |   | FILED        | NUMB                          | ER EXTRA     |                  | BASIC FEE | ·                   | OR                     | BASIC FEE | 840                           |                        |  |
| TOTAL CHARGEABLE CLAIMS minus 20=   |                                |   | us 20=       | •                             |              |                  | X\$ 9=    |                     | OR                     | X\$18=    |                               |                        |  |
| INDEPENDENT CLAIMS / minus 3 =  |                                |   |              | •                             |              |                  | X40=      |                     | OR                     | X80=      |                               |                        |  |
| MULTIPLE DEPENDENT CLAIM PRESENT  |                                |   |              |                               |              |                  |           | +135=               |                        | OR        | +270=                         |                        |  |
| * If the difference in column 1 is less than zero, enter "0   |                                |   |              |                               | r "0" in c   | olumn 2          |           | TOTAL               |                        | OR        | TOTAL                         | 827                    |  |
| 4/1/4 (Column 1) (Column 2)   |                                |   |              |                               |              | (Column 3)       | -         | SMALL               | ENTITY                 | OR        | OTHER<br>SMALL                |                        |  |
| AMENDMENT A   |                                | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |              | HIGH<br>NUM<br>PREVIO<br>PAID | BER<br>DUSLY | PRESENT<br>EXTRA |           | RATE                | ADDI-<br>TIONAL<br>FEE |           | RATE                          | ADDI-<br>TIONAL<br>FEE |  |
|   | Total                          | . 17                                      | Minus        | ·· de                         | 2            | =                |           | X\$ 9=              |                        | OR-       | X\$18=                        |                        |  |
|   | Independent                    | NTATION OF M                              | Minus        | PENDENT                       | CLAIM        | = -              |           | X40=                |                        | OR        | X80=                          |                        |  |
| _   |                                |   | 02111 22 021 | LNDEN                         | - OCAM       |                  |           | +135=               |                        | OR        | +270=                         |                        |  |
|   | •                              |   |              |                               |              | •                |           | TOTAL<br>ADDIT, FEE |                        | OR        | TOTAL<br>ADDIT, FEE           |                        |  |
|   |                                | (Column 1)                                |              | (Colu                         |              | (Column 3)       |           |                     |                        |           |                               |                        |  |
| AMENDMENT B   |                                | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |              | HIGH<br>NUM<br>PREVIO<br>PAID | BER<br>OUSLY | PRESENT<br>EXTRA |           | RATE                | ADDI-<br>TIONAL<br>FEE |           | RATE                          | ADDI-<br>TIONAL<br>FEE |  |
|   | Total                          | •   | Minus        | ••                            |              | =                |           | X\$ 9=              |                        | OR        | X\$18=                        | . ,                    |  |
|   | Independent                    | NTATION OF M                              | Minus        | ***                           | 201 4114     | =                |           | X40=                |                        | OR        | X80=                          |                        |  |
|   | rino i PriESE                  | NIATION OF ME                             | JUIPLE DEF   | ENDEN                         | CLAIM        |                  | 1         | +135=               |                        | OR        | +270=                         |                        |  |
|   |                                |   |              |                               |              | ·                | 4         | TOTAL<br>ADDIT, FEE |                        | OR        | TOTAL<br>ADDIT. FEE           |                        |  |
|   | 11 101 to me , a displica News | (Column 1)                                |              | (Colur                        |              | (Column 3)       |           |                     |                        | •         |                               |                        |  |
| AMENDMENT C   |                                | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |              | HIGH<br>NUM<br>PREVIO<br>PAID | BER<br>DUSLY | PRESENT<br>EXTRA |           | RATE                | ADDI-<br>TIONAL<br>FEE |           | RATE                          | ADDI-<br>TIONAL<br>FEE |  |
|   | Total                          | •   | Minus        | **                            |              | =                |           | X\$ 9=              |                        | OR        | X\$18=                        |                        |  |
|   | Independent                    |   | Minus        | ***                           |              | 5                | lt        | X40=                |                        |           | X80=                          |                        |  |
|   | PIRST PRESE                    | NTATION OF MI                             | JLTIPLE DEF  | ENDENT                        | CLAIM        |                  | <b>!</b>  |                     |                        | OR        |                               |                        |  |
| * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.   |                                |   |              |                               |              |                  |           |                     |                        | OR        | +270=                         |                        |  |
| "If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  "If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."  The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. |                                |   |              |                               |              |                  |           |                     |                        |           |                               |                        |  |